科目ナンバリング	G-LAS10 80026 LE44　G-LAS10 80026 LE95　G-LAS10 80026 LE43 G-LAS10 80026 LE42						
授業科目名 <英訳>	持続可能な発展とエネルギー転換 Sustainable Development and the Energy Transition			担当者所属 職名・氏名	総合生存学館 教授　IALNAZOV, Dimiter Savov		
群	大学院横断教育科目群	分野(分類)	人文社会科学系			使用言語	英語
旧群		単位数	2単位	週コマ数	1コマ	授業形態	講義（対面授業科目）
開講年度・開講期	2026・後期	曜時限	水3	配当学年	大学院生	対象学生	全学向

（総合生存学館の学生は，全学共通科目として履修登録できません。所属部局で履修登録してください。）

[授業の概要・目的]

The course is interactive and designed for a relatively small number of students. Its main goal is to help students learn how the transition to renewable energy will enable humanity to deal with global issues such as climate change, resource depletion, poverty and inequality. Although most of the time we will talk about energy issues, the course is generally not just about energy. It's about how to make the transition actually happen in spite of many existing barriers. Also, how to make the transition work not just for a few rich people and not at the expense of the environment, present and future generations.

In addition, the course develops a transdisciplinary approach to the energy transition. We will use theoretical knowledge and insights from various disciplines such as engineering, economics, law, political science, and public policy. At the same time, the emphasis will not be on the theories, we will be as close as possible to what is going on in the real world and try to look for practical solutions.

[到達目標]

1. By the end of the course, the students should be able to apply their knowledge to evaluate critically case studies of the energy transition at the national, regional or local levels.

2. In addition, the students are expected to acquire the knowledge and skills enabling them to come up with innovative ideas or solutions to various problems related to the energy transition.

3. The course is also designed to help the students improve their English communication and discussion skills.

[授業計画と内容]

Course schedule

1. Introduction
Each student has to select a country (or a region/city/local community) as part of his/her own research project on the energy transition
2. Sustainable development and the Sustainable Development Goals (SDGs). The role of renewable energy in achieving the SDGs and the targets of the Paris climate agreement.
3. Main concepts and approaches to the energy transition
4. The energy transition from the perspective of technologies
5. The energy transition from the perspective of economics
6. Policies designed to promote renewable energy
7. The political economy of the energy transition (main actors, incentives, power configurations and alliances)

8. Mid-term presentations by the students

持続可能な発展とエネルギー転換(2)へ続く↓↓↓

持続可能な発展とエネルギー転換(2)

9. The energy transition in advanced countries (case studies I)
10. The energy transition in advanced countries (case studies II)
11. The energy transition in emerging and developing countries: a new green development model? 12. The energy transition in emerging and developing countries (case studies III)
13. The energy transition in emerging and developing countries (case studies IV)

14. - 15. Final presentations by the students

Submission of the term papers

[履修要件]

The students should be able to communicate in English and read academic texts in English.

[成績評価の方法・観点]

Evaluation will be done on according to the following criteria:
1. Participation*: 50%
* includes attendance, participation in discussions, and presentations on class assignments

2. Student's own research project**: 50%
** includes mid-term and final presentations, as well as the quality of the term paper

[教科書]

授業中に指示する
Instructed during class
The instructor will explain about the required readings during the first class.

[参考書等]

（参考書）
授業中に紹介する
Instructed during class
The instructor will explain about the required readings during the first class.

（関連ＵＲＬ）

https://www.gsais.kyoto-u.ac.jp/staff/inalnazof/

[授業外学修（予習・復習）等]

The instructor will provide the necessary explanations during the class.

[その他（オフィスアワー等）]

If you wish to make an appointment、please e-mail your name, student number and three possible options (dates and time intervals) to one of the following e-mail addresses. <ialnazov.dimitersavov.8w@kyoto-u.ac.jp>

*Please visit KULASIS to find out about office hours.

[主要授業科目（学部・学科名）]